

## Patent Abstracts of Japan

PUBLICATION NUMBER : 2001149935  
PUBLICATION DATE : 05-06-01

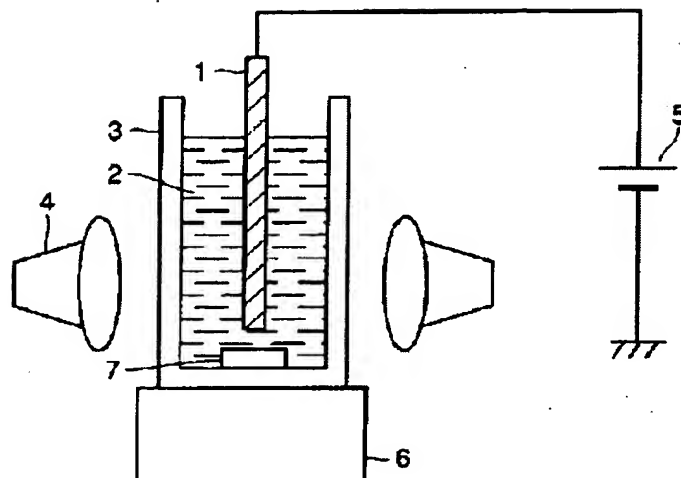
APPLICATION DATE : 25-11-99  
APPLICATION NUMBER : 11334198

APPLICANT : SHARP CORP;

INVENTOR : MATSUOKA NORIHIRO;

INT.CL. : C02F 1/46 C02F 1/461 B01J 21/06  
C02F 1/32 C02F 1/72 D06F 39/08

TITLE : WATER PURIFICATION METHOD AND  
APPLICATION INSTRUMENT USING IT



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide a water purifying method attracting substance dissolved in water in an ionized state by electrolysis, concentrating and efficiently treating it with a photo-catalyst, and an applied instrument using the method.

**SOLUTION:** This patent is related to a water purifying method and by impressing specified voltage on an electrode 1 installed in water 2, ionized substance in water is concentrated in the circumference of the electrode 1, and the concentrated substance is decomposed by the photo-catalyst installed in the vicinity of the electrode 1.

**COPYRIGHT:** (C)2001,JPO